

Active

LI: (94) (((microchip micro adj chip chip integrated adj circu

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- (214) "tuttle mark" in.
- (20) "tuttle mark" in. and dram
- (818) magnetic adj shield\$4 and memory
- (1747) Stray adj magnetic adj field
- (69) (magnetic adj shield\$4 and memory) and (Stray adj mag
- (1) "tuttle mark" in. and mram
- (1294) (magnetic electromagnetic) adj shield\$4 and memory
- (2702) stray adj (magnetic electromagnetic electro adj magn
- (86) ((magnetic electromagnetic) adj shield\$4 and memory)
- (0) (((magnetic electromagnetic) adj shield\$4 and memory) e
- (9711) chip adj carrier
- (19) ((magnetic electromagnetic) adj shield\$4 and memory)

Search List Browse Queue Clear

DBs: USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

☒ Plurals

Default operator: OR

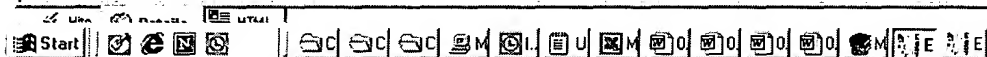
☒ Highlight all hit terms initially

(((microchip micro adj chip chip integrated adj circuit die) with ((magnetic electromagnetic) adj2 shield\$4)) with contact\$4 4433886.pn (((microchip micro adj chip chip integrated adj circuit die) with ((magnetic electromagnetic) adj2 shield\$4)) and (chip adj carrier)) (((magnetic electromagnetic) with ferrite with (gold copper cu au) with shield\$4 (((magnetic electromagnetic) adj shield\$4 and memory) and (chip adj carrier))

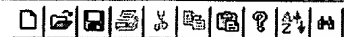
April 2002

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	U		Inventor Δ	Document ID	Issue Date	Pat	Title	Current OR	Current XRef	Ref
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cassari, James W. et al.	US 4433886 A	19840228	12	Connector mounting for integrated circuit chip packages	439/65	439/108; 439/260;	
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hertz, Allen D. et al.	US 5418688 A	19950523	10	Cardlike electronic device	361/790	174/260; 174/261;	
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Higuchi, Toru et al.	US 4835598 A	19890530	9	Wiring board	257/668	257/659; 257/675;	
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kubo, Takashi	US 5307100 A	19940426	19	Magnetic recording/reproducing apparatus for a camera having pressure roller	396/319	360/1; 360/130.3	
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Larson, Erik N. et al.	US 6109530 A	20000829	19	Integrated circuit carrier package with battery coin cell	235/492	257/691; 361/728	
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nishihara, Kunio et al.	US 5639990 A	19970617	17	Solid printed substrate and electronic circuit package using the same	174/52.2	257/709; 257/730;	
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SAKURAI, KEIZO	JP 2000174173 A	20000623	5	ASSEMBLY OF HEAT SINK MOUNTED ON FUNCTIONAL PART OF SEMICONDUCTOR CHIP			
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sudoh, Toru et al.	US 5352925 A	19941004	11	Semiconductor device with electromagnetic shield	257/659	257/687; 257/787	
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wang, Hsing-Seng et al.	US 5977626 A	19991102	9	Thermally and electrically enhanced PBGA package	257/707	257/691; 257/706	
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>		JP 2000234152 A	20000829		High magnetic shielding structural steel has preset amount of carbon,			



257/659, 778



Pending
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- L3: (103) (((microchip micro adj chip chip integrated adj circuit die) with ((magnetic elec
- L26: (3) 5726079.pn. 5811317.pn. 5783857.pn.
- L28: (106) 3 26
- L35: (1) 6191360.pn.
- L36: (107) 28 35
- L43: (177619) printed adj circuit adj board pcb
- L57: (32327) (magnetic electromagnetic em em) adj2 shield\$3
- L64: (393) 43 near3 57
- L78: (22) 64 and memory
- L85: (8) 64 and (flip adj chip chip adj carrier)
- L92: (8) 57 and 85
- L99: (112) 36 92

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DBs: USPAT; US-PGPUB; EPD; JPO; DERWENT; IB ☒ Plurals

Default operator: OR

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36 92

August 2002

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	U		Inventor Δ	Document ID	Issue Date	Pat	Title	Current OR	Current XRef	Ret
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Brown, Vernon L.	US 5789142 A	19980804	8	Solder mask system	430/315		
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cassarly, James W. et al.	US 4433886 A	19840228	12	Connector mounting for integrated circuit chip packages	439/65	439/108; 439/260;	
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hertz, Allen D. et al.	US 5418688 A	19950523	10	Cardlike electronic device	361/790	174/260; 174/261;	
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Higuchi, Tooru et al.	US 4835598 A	19890530	9	Wiring board	257/668	257/659; 257/675;	
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Kubo, Takashi	US 5307100 A	19940426	19	Magnetic recording/reproducing apparatus for a camera having pressure roller	396/319	360/1; 360/130.3	
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Larson, Erik N. et al.	US 6109530 A	20000829	19	Integrated circuit carrier package with battery coin cell	235/492	257/691; 361/728	
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nishihara, Kunio et al.	US 5639990 A	19970617	17	Solid printed substrate and electronic circuit package using the same	174/52.2	257/709; 257/730;	
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sudoh, Toru et al.	US 5352925 A	19941004	11	Semiconductor device with electromagnetic shield	257/659	257/687; 257/787	
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tao, Su et al.	US 6191360 B1	20010220	7	Thermally enhanced BGA package	174/52.4	174/35R; 257/659;	
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tilton, Charles L. et	US 6104610 A	20000815	13	EMI shielding fluid control apparatus	361/699	165/104.33;	

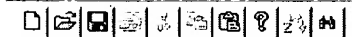
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Default operator:
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(((((((microchip micro adj chip integrated adj circuit die) with ((magnetic electromagnetic) adj2 shield\$4)) with contact\$4) 4433886.pn (((microchip micro adj chip chip integrated adj circuit die) with ((magnetic electromagnetic) adj2 shield\$4)) and (chip adj carrier) (((magnetic electromagnetic) with fermit with (gold copper cu au)) with shield\$4) (((magnetic electromagnetic) adj shield\$4 and memory) and (chip adj carrier)))) 5726079.pn. 5811317.pn. 5783857.pn))) 6191360.pn) (((magnetic electromagnetic em em) adj2 shield\$3) and ((printed adj circuit adj board pcb) near3 ((magnetic electromagnetic em em) adj2 shield\$3)) and (flip adj chip chip adj carrier)))

	U	Inventor Δ	Document ID	Issue Date	Page	Title	Current OR	Current XRef	Ret
1	✓	✓	Brown, Vernon L.	US 5789142 A	19980804	8	Solder mask system	430/315	
2	✓	✓	Cassarly, James W. et al.	US 4433886 A	19840228	12	Connector mounting for integrated circuit chip packages	439/65	439/108; 439/260
3	✓	✓	Hertz, Allen D. et al.	US 5418688 A	19950523	10	Cardlike electronic device	361/790	174/260; 174/261
4	✓	✓	Higuchi, Toru et al.	US 4835598 A	19890530	9	Wiring board	257/668	257/659; 257/675
5	✓	✓	Kubo, Takashi	US 5307100 A	19940426	19	Magnetic recording/reproducing apparatus for a camera having pressure roller	396/319	360/1; 360/130.3
6	✓	✓	Larson, Erik N. et al.	US 6109530 A	20000829	19	Integrated circuit carrier package with battery coin cell	235/492	257/691; 361/728
7	✓	✓	Nishihara, Kunio et al.	US 5639990 A	19970617	17	Solid printed substrate and electronic circuit package using the same	174/52.2	257/709; 257/730
8	✓	✓	Sudoh, Toru et al.	US 5352925 A	19941004	11	Semiconductor device with electromagnetic shield	257/659	257/687; 257/787
9	✓	✓	Tao, Su et al.	US 6191360 B1	20010220	7	Thermally enhanced BGA package	174/52.4	174/35R; 257/659
10	✓	✓	Tilton, Charles L. et	US 6104610 A	20000815	13	EMI shielding fluid control apparatus	361/699	165/104.33;

Jan 2003



L21: (77792) record\$3.ab.
 L22: (104) 19 not 20
 L23: (83) 22 not 21
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 (21) (((magnetic electromagnetic electro adj magne
 (34) (25.ti. and (((microchip micro adj chip chip inte
 (110) (((magnetic electromagnetic electro adj magn
 (13) ((25.ti. and (((microchip micro adj chip chip int
 (144282) (ferroelectric ferro adj electric ferromagnet
 (7) ((25.ti. and (((microchip micro adj chip chip inte
 (6) (((magnetic electromagnetic electro adj magneti
 (38) ("4024629" | "4665468" | "4754101" | "4764233"
 (1) 6288344.URPN.
 (39) 5866943.URPN.
 (4) ("5371404" | "5552635" | "5737191" | "5744863").
 (92967) ferrite manganite chromite cobaltite
 (234924) (heatsink ((heat thermal\$2) near (sink spi
 (315) (ferrite manganite chromite cobaltite) with ((
 (148) (ferrite manganite chromite cobaltite) near4(
 (1075103) particle
 (59973) (magnetic electromagnetic electro adj magr
 (16) (((ferrite manganite chromite cobaltite) with ((
 (42) (((ferrite manganite chromite cobaltite) with ((
 (19) (((ferrite manganite chromite cobaltite) with ((

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DBs: USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

☒ Plurals

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(25.ti. and (((microchip micro adj chip chip integrated adj circuit die ic semiconductor adj (device element structure))
) adj carrier)) ("5902690" "4953002" "4801489" "5406117" "5949654" "5902690").pn.) (25.ti. and ((((printed adj circuit PC wiring) adj (board card module)) pcb)
) and (((microchip micro adj chip chip integrated adj circuit die ic semiconductor adj (device element structure))
) adj carrier))) (((magnetic electromagnetic electro adj magnetic ema) near3 (shield\$3 protect\$3)
) and ((((printed adj circuit PC wiring) adj (board card module)) pcb)
) and (((microchip micro adj chip chip integrated adj circuit die ic semiconductor adj (device element structure))
) adj carrier))) and ((fe ferrite))

	U	Inventor Δ	Document ID	Issue Date	Page	Title	Current OR	Current XRef	Ret Δ
1	<input type="checkbox"/>	<input checked="" type="checkbox"/> Fukuoka, Yoshitaka	US 5949654 A	19990907	31	Multi-chip module, an electronic device, and production method thereof	361/760	257/700; 257/704;	
2	<input type="checkbox"/>	<input checked="" type="checkbox"/> Gore, John G. et al.	US 6105226 A	20000822	17	Leadless ceramic chip carrier crosstalk suppression method	29/2535	174/523; 174/524;	
3	<input type="checkbox"/>	<input checked="" type="checkbox"/> Nakagawa, Katsuya et al.	US 4801489 A	19890131	20	Printed circuit board capable of preventing electromagnetic interference	428/209	156/297; 174/262;	
4	<input type="checkbox"/>	<input checked="" type="checkbox"/> Stickney, William H et al.	US 4754101 A	19880628	8	Electromagnetic shield for printed circuit board	174/35R	361/818	
5	<input type="checkbox"/>	<input checked="" type="checkbox"/> Tilton, Charles L. et	US 6104610 A	20000815	13	EMI shielding fluid control apparatus	361/699	165/10433;	

